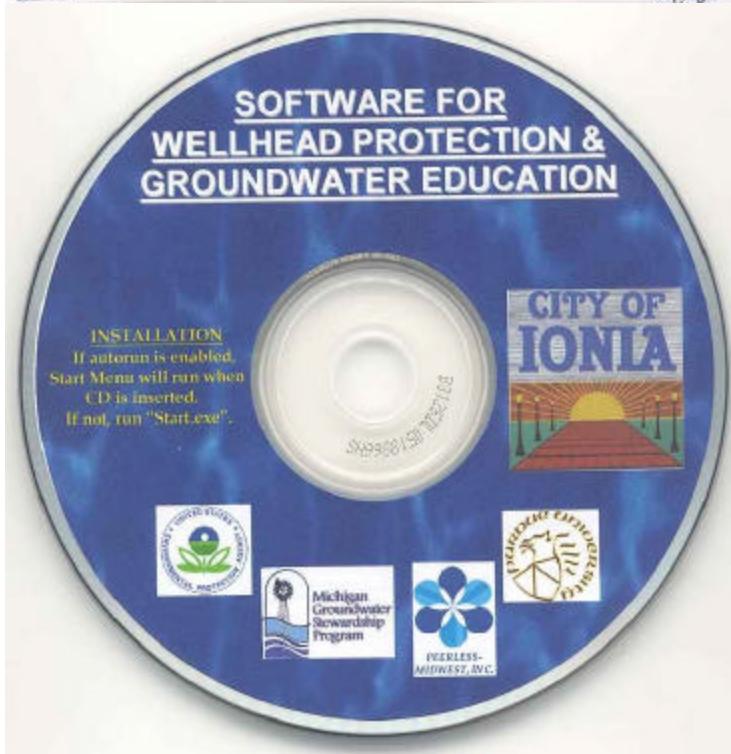
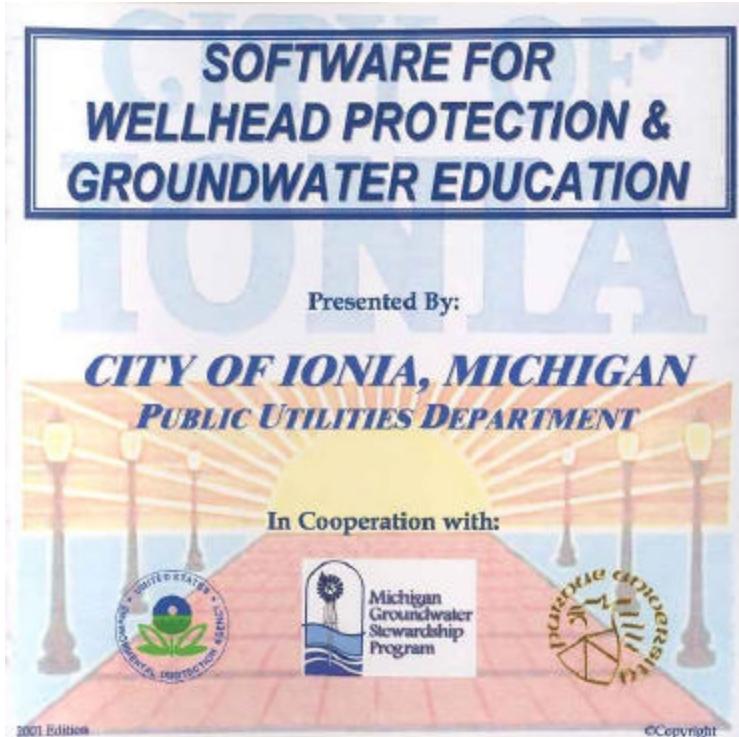




Multimedia



PURPOSE:

To Help Educate The General Public And Particularly The People And Children Of The Ionia Area About Wellhead Protection & Groundwater Issues!

This collection of software is used to provide Environmental Ambassadors with the tools necessary to transfer technical information about the environment and pollution prevention.

The viewer program describing the City of Ionia's Wellhead Protection Program (WHPP) was developed in response to the City's proactive efforts to protect its water supply resources. The WHPP is part of a state funded program to protect public water supplies initiated by the 1986 amendments to the Safe Drinking Water Act and the Michigan Department of Environmental Quality (MDEQ). The City of Ionia completed the initial WHPP activities in 2001. Since 1988, the U.S. Environmental Protection Agency (USEPA) Region 5 and Purdue University have worked together to develop environmental software programs that make complex subjects clear and understandable and learning enjoyable. Contact the City of Ionia's Public Utilities Dept. at 616-527-0370 or visit www.epa.gov/glnpo/seahome/index.html for more information.

See inside of jacket for general software descriptions.

**SOFTWARE FOR
WELLHEAD PROTECTION &
GROUNDWATER EDUCATION**

IONIA

Presented By:

**CITY OF IONIA, MICHIGAN
PUBLIC UTILITIES DEPARTMENT**

In Cooperation with:

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SOFTWARE DESCRIPTIONS

1) Ground Water Primer
This HTML ground water program educates users about the nature of ground water and the principles of ground water protection. It contains a detailed introduction to hydrogeology, information on numerous drinking water contaminants, and a section on what you can do to protect your ground water. You can learn about groundwater protection programs in EPA and other government agencies, and find EPA contacts and hotline numbers. Aimed at the general public, this program is also a useful reference for high school earth science. [1998, 2.7Mb, www.epa.gov/seahome/gwprimer.html]

2) Household Waste Management
This HTML program teaches the user how to safely and efficiently manage waste, and particularly hazardous waste, in the home. Users can visit a virtual house and choose extended discussions of the many products they might encounter there. Safe homemade alternatives are presented and evaluated. An enormous state-by-state database of mail, telephone, and Internet contacts puts users in touch with a wealth of free downloadable publications. Includes over 30 quizzes and activities for K-12 students, sorted by grade level. [1997, 8Mb, www.epa.gov/seahome/hwaste.html]

3) Wellhead Protection
DOS based program that describes public water supply protection. Planning team, wellhead protection area delineation, contaminant source inventory, management. Aimed at concerned citizens and small communities interested in wellhead protection. [1994, 3Mb www.epa.gov/seahome/wellhead.html]

4) Residential Water Conservation Techniques
Save water inside and outside the house using water efficient devices. Save amazing amounts of money while protecting the environment. Calculates retrofitting savings. [1991, 3.2Mb, www.epa.gov/seahome/watcon.html]

5) Electronic Wetlands Herbarium - 1993 Midwest Edition
A detailed look at the plants typical of 11 different wetland types from bog to wet prairie. Users can explore a list of species found in each type of ecosystem. Entries give detailed botanical information as well as an identification quality photograph of the plant. [1993, Windows 3.1 or later, 47Mb, www.epa.gov/seahome/wetherb.html]

6) City of Ionia's Wellhead Protection Program
A portable document format (PDF) file of information regarding the City of Ionia's Wellhead Protection Program (WHPP). The file lets the user view and print maps, figures, pictures, and text descriptions of the geology, hydrogeology, land uses, potential contaminants, and other information within and near the City's Wellhead Protection Area (WHPA). Local agency contact names & phones numbers are given for the user to obtain additional information. [2001, 20Mb, Adobe Acrobat Reader® needed to view file – see below].

Notice:

- Programs No. 1-5 are freeware and may be copied and given [not sold] to other interested users.
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